PTO	/SB/(	<b>35</b> (	03-0	1)

Please type a plus sign (+) in	, _	d to	U.S. Pate	nt and Trademark C	Office: U.S.	ough 10/31/200 DEPARTMEN	PTO/SB/05 (03-01) 2. OMB 0651-003 IT OF COMMERC! MB control numbe	2 E	
UTILITY PATENT APPLICATION			Attorney Docket No. 166p-HAM-DIVISION4L-1  First Inventor HAM						
TRAI	NSMITTAL		Title	VERTICAL				TIT	
(Only for new nonprovision	al applications under 37 CFR	1.53(b))	Express	Mail Label No			7162 US	<u>_</u>	
	TION ELEMENTS  eming utility patent application	contents	ADD	RESS TO:	Box Pat	nt Commissio tent Applicati igton, DC 201			
Fee Transmittal For (Submit on original and a submit on the submit of the	orm (e.g., PTO/SB/17) Implicate for fee processing) mall entity status.  [Total Pages 2.7] Isst forth below) of the invention e to Related Applications arding Fed sponsored R & D quence listing, a table, rogram listing appendix the Invention of the Invention n of the Drawings (if filed) ption  Disclosure  I.S.C. 113) [Total Sheets [Total Pages]  Lited (original or copy) prior application (37 CFR 1.63 tion/divisional with Box 18 con ION OF INVENTOR(S) Itement attached deleting inventor( the prior application, see 37 CFR and 1.33(b).	12 ] 2 ] 3 (d)) ppleted)	(if a a. [	Statements CCOMPANY Assignment I 37 CFR 3.73 (when there English Trar Information Statement (I Preliminary Return Reco (Should be s Certified Co (if foreign pr Nonpublicat (b)(2)(B)(i).	D-R in du gram (Apnino Acid essary) eadable Fuence Lis ROM or Correction of the control of the c	plicate, large pendix) Sequence Signature Sign	s); or cove copies  ON PARTS  document(s))  Power of Attorney  pplicable)  Copies of IDS  Citations  603)  nt(s)  U.S.C. 122  form PTO/SB/35		
''.	Sheet. See 37 CFR 1.76  CATION, check appropriate by	ox, and sup	17. [2	Other: Ut	below and	sheet, d in a prelimi	nary amendmen	nt,	
or in an Application Data Ship Continuation Prior application information:  For CONTINUATION OR DIVIS	Divisional Continuation  Examiner Chuck  CONAL APPS only: The entire distributed the disclosure of the accompanier relied upon when a portion has	r-in-part (CIP) Y . Malectosure of the string continuation been inadvented.	n he prior appl uation or div rtently omitt	f prior application No.  Group Art Unit: Ication, from whice islonal application of from the submit	: 10/ 3676 th an oath	or declaration	522	er	
	19. COR	RESPOND	ENCE ADD	KESS			A. Lalam		
Customer Number or Bar C	Torser susconer				*	orrespondence a	ddress below	-	
Name	The Law Offi PO Box 16220	ce of	Crais	W. Bar	ber				
	10 Box 10220								
Address	Golden		State	CO		Zip Code	80402-6	004	
City Country	USA	Te	lephone	303 <b>-</b> 278	-997		303-278		
							102	7	
Name (Print/Type)	Craig W. Barber Registration No. (Attorney/Agent) 39,102								
Signature Burden Hour Statement: This form	n is estimated to take 0.2 hours to	complete. Ti	me will vary	depending upon the	needs of	the individual	case. Any comme Office, Washington	nts on n, DC	
the amount of time you are requi 20231. DO NOT SEND FEES ( Washington, DC 20231.	n is estimated to take 0.2 hours to ired to complete this form should I OR COMPLETED FORMS TO TO	se sent to the	e Uniet Infort SS. SEND T	O: Assistant Com	missioner	for Patents, E	Sox Patent Applic	ation,	

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FEE TRANSMITTAL			Complete if Known					
			ication	Numb	er			
for EV 2002			Date					
for FY 2003			First Named Inventor		ntor HAM			
Effective 01/01/2003. Patent fees are subject to annual revision		Examiner Name						
Applicant claims small entity status. See 37 CFR 1.27		Art Unit						
TOTAL AMOUNT OF PAYMENT (\$) 385.00					lo. 166p-Ham-Divisional-1			
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)						
Check Credit card Money Other None	3. ADDITIONAL FEES							
Deposit Account:	Large Entity   Small Entity							
Deposit Account:		Fee (\$)	Fee Code	Fee (\$)	Fee Description			
Account Number	1051	130	2051		Surcharge - late filing fee or oath			
Deposit Account	1052	50	2052	25	Surcharge - late provisional filing fee or			
Name		130	1053		cover sheet Non-English specification			
The Commissioner is authorized to: (check all that apply)  Charge fee(s) indicated below  Credit any overpayments	1053 1812	2,520	1812 2		For filing a request for ex parte reexamination			
Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) during the pendency of this application		920*	1804		Requesting publication of SIR prior to			
Charge fee(s) indicated below, except for the filing fee		1,840*	1005		Examiner action  Peguseting publication of SIR after			
to the above-identified deposit account.		1,040	1005	1,040	Requesting publication of SIR after Examiner action			
FEE CALCULATION		110	2251	55	Extension for reply within first month			
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month			
Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid	1253	930	2253	465	Extension for reply within third month			
Fee Fee Fee Fee Description Fee Paid Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month			
1001 750 2001 375 Utility filing fee 585.00	1255	1,970	2255	985	Extension for reply within fifth month			
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal			
1003 520 2003 260 Plant filing fee	1402	320	2402		Filing a brief in support of an appeal			
1004 750 2004 375 Reissue filing fee	1403	280	2403		Request for oral hearing			
1005 160 2005 80 Provisional filing fee	i	1,510	ı		Petition to institute a public use proceeding			
SUBTOTAL (1) (\$385.00	1452	110	2452		Petition to revive - unavoidable			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,300	2453		Petition to revive - unintentional			
Fee from Ext <u>ra Claims below Fee Paid</u>	1502	1,300 470	2501 2502		Utility issue fee (or reissue)  Design issue fee			
Total Claims20** = X =	1503	630	2503		Plant issue fee			
Independent Claims - 3** = X =	1460	130	1460		Petitions to the Commissioner			
Multiple Dependent	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Large Entity   Small Entity Fee Fee   Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt			
Fee Fee Fee <u>Fee Description</u> Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a submission after final rejection			
1201 84 2201 42 Independent claims in excess of 3					(37 ČFR 1.129(a))			
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810		For each additional invention to be examined (37 CFR 1.129(b))			
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801		Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application			

Griding of providedly pare, if greater, 1 or recissable, 300 above						
SUBMITTED BY		(Complete (if applicable)				
Name (Print/Type)	Craig W. Barber	Registration No.	39,102	Telephon	• 303-278-9973	
Signature	alle			Date	11/24/03	

Other fee (specify) \_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.